

**Sierra Nevada Conservancy Grant Program
Safe Drinking Water, Water Quality and Supply, Flood Control,
River and Coastal Protection Act of 2006 (Proposition 84)**

County: EL DORADO

Applicant: BLACK OAK MINE UNIFIED SCHOOL DISTRICT

Project Title: GREEN FIELDS OF GOLDEN SIERRA

Reference Number: SNC 070221

PROJECT SCOPE

This project replaces a dirt track and grass playing field at Golden Sierra High School in Garden Valley, California with an artificial surface in order to reduce adverse impacts of fertilizer- and pesticide-laden water runoff into the adjacent Empire Creek, which flows into the South Fork of the American River. The existing grass field and dirt track would be removed and replaced with a rubber surface material composed of 10,000 recycled tires. The rubberized playing field would be covered with a synthetic turf. Replacing the grass field with a synthetic surface would reduce water use by 2 million gallons a year and eliminate the substantial fertilizer and pesticides that are periodically applied. Caustic chalk field and track markings would be replaced with permanent markings. The refurbished field will attract more people from the community to utilize the track, increase the track and field availability for school use, as well as serve as an attractor for more inter-school athletic competitions and other community use. The project, the first of its kind in the county, will serve as a demonstration model for other facilities. The total project cost is \$1,090,872, of which \$300,000 would be covered by the SNC grant.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Demolition of existing field/track; grading; pavement & curbing in track area	June 2008
Recycled tire materials installed on field and track	July 2008
Installation of field turf	July – Aug. 2008
Field and track markings applied	August 2008
Final Report/Final Payment Request	August 31, 2008

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Purchase and installation of synthetic turf	300,000
GRAND TOTAL	\$300,000

Letters of Support:

- Teichert Construction
- Carlton Engineering, Inc.
- Georgetown Divide Public Utility District
- Georgetown Divide Recreation District
- Friends of Golden Sierra
- Golden Sierra High School
- Black Oak Mine Unified School District
- Divide Chamber of Commerce

Recommendation:

Staff recommendation is to fund at the requested level of \$300,000.

Project Summary

Provide a summary (one-page maximum) that describes key elements of the project and states the total project cost.

Please type here:

Project Name: Green Fields of Golden Sierra

The Green Fields of Golden Sierra project is proposed by the Black Oak Mine Unified School District. The project will replace the grass field and dirt track at Golden Sierra High School, using new synthetic surfacing products. The school campus site is located in Garden Valley in El Dorado County in an area called the Georgetown Divide because it is the land mass that divides the Middle and South Forks of the American River.

The campus is on a lovely site, with native pine and oak trees throughout the campus. Empire Creek is a year-round creek that flows immediately adjacent to the campus—and downhill from the football field. Runoff from the field goes into the creek and flows downstream into the South Fork of the American River.

The field will have a bed layer composed of a material made of recycled tires; approximately 10,000 tires will be used in the project. The field will be covered with an artificial turf. With the new surface watering will be eliminated and the use of insecticides, fertilizers and caustic chalk will also be eliminated. The markings required for football and soccer will be a part of the permanent surface. Maintenance will be minimal. The track will also be covered with a surface made from recycled tires that will be permanently marked with lanes.

The upgraded field and track facilities will increase their use for physical education, league sports and other recreation. Currently these facilities cannot be used during or immediately following a rainstorm both because they become unsafe and because of the damage caused by using them when they are wet. They also cannot be used immediately following application of chemicals. This impacts their daily use by the physical education classes. The track is utilized by joggers in the community, and this will increase as it becomes useable year round. The facility can also be shared by the Georgetown Divide Recreation District and the El Dorado County Soccer organization. Since Golden Sierra will become the first owner of a modern field in the county, more field and track events will be scheduled at the site. The construction and renovation of this field will result in a facility which will become a focal point for athletic events in the Georgetown Divide community.

The total cost for the project is \$1,090,872. The total grant being requested from the Sierra Nevada Conservancy is \$300,000. All other funding is being provided in the community through donations of money and in-kind services, and school district developer funds.